In the Claims:

The following is a list of claims currently pending in this application and their current status. This listing will place all prior versions, and listings, of the claims in this application.

1. (Withdrawn) A computer implemented method of rolling up projected demand requirements for a plurality of selling locations, including:

associating respective selling in-dates with a good at a plurality of selling locations;

associating respective time elements, corresponding to times for an action to lead to availability of the good at the respective selling locations, with the good at the selling locations;

looking forward from a date related to the action and rolling up projected demand requirements for one or more predetermined selling periods, which commence at one or more dates related to the respective time elements, for the good at the selling locations.

2. (Withdrawn) The method of claim 1, wherein a user interface facilitates associating the respective selling in-dates with substantially all of the selling locations in a single action.

3. (Withdrawn) The method of claim 1, wherein a user interface facilitates associating the respective selling in-dates with predetermined groups of the selling locations.

4. (Withdrawn) The method of claim 1, wherein a user interface facilitates associating the respective selling in-dates with the plurality of selling locations, selected from a list of selling locations by following a standard protocol for use of hold-and-drag, control- and shift-mouse click commands.

5. (Withdrawn) The method of claim 1, wherein a user interface facilitates associating predetermined sets of respective time elements with the good at the plurality of selling locations.

6. (Withdrawn) The method of claim 2, wherein a user interface facilitates associating predetermined sets of respective time elements with the good at the plurality of selling locations.

7. (Withdrawn) The method of claim 3, wherein a user interface facilitates associating predetermined sets of respective time elements with the good at the plurality of selling locations.

8. (Withdrawn) The method of claim 4, wherein a user interface facilitates associating predetermined sets of respective time elements with the good at the plurality of selling locations.

9. (Withdrawn) The method of claim 1, wherein the respective selling in-dates are dates on which selling of the good is scheduled to begin at the plurality of locations.

10. (Withdrawn) The method of claim 1, wherein availability of the good includes delivery of the good from a stocking location.

11. (Withdrawn) The method of claim 10, wherein availability further includes preparing the delivered goods for sale.

12. (Withdrawn) The method of claim 1, wherein the time elements include time required to collect data, review action recommendations, process data, pick goods at a stocking location, and ship the goods to the selling location location.

13. (Withdrawn) The method of claim 12, wherein the respective time elements further include periodic dates for actions necessary to make the good available at the plurality of selling locations.

14. (Withdrawn) The method of claim 1, wherein the respective time elements include time for distributing the good from one or more first level stocking locations to a plurality of second level stocking locations.

15. (Withdrawn) The method of claim 12, wherein the respective time elements include time for distributing the good from one or more first level stocking locations to a plurality of second level stocking locations.

16. (Withdrawn) The method of claim 1, wherein the respective time elements include time for distributing the good from a supplier through one or more stocking locations to a plurality of selling locations.

17. (Withdrawn) The method of claim 12, wherein the respective time elements include time for distributing the good from a supplier through one or more stocking locations to a plurality of selling locations.

18. (Withdrawn) The method of claim 1, wherein the action includes distribution of the good from one or more stocking locations to a plurality of selling locations.

19. (Withdrawn) The method of claim 1, wherein the action includes ordering the good from a supplier.

20. (Withdrawn) The method of claim 1, wherein the action includes allocating delivery of the good after ordering from a supplier.

21. (Withdrawn) The method of claim 1, wherein the projected demand is for sale of the good at the selling locations.

22. (Withdrawn) The method of claim 1, wherein the projected demand is for a stocking level of the good at the selling locations.

23. (Withdrawn) The method of claim 1, wherein the rolling up includes zeroing projected demand requirements at the plurality of selling locations for periods preceding the respective associated selling in-dates.

24. (Withdrawn) The method of claim 1, wherein the projected demand requirements for the respective selling locations are zero for periods preceding the associated selling in-dates.

25. (Cancelled)

26. (Currently amended) The method of claim ~~25~~ 93, ~~wherein a user interface facilitates associating predetermined sets of respective time elements with the good item at the plurality of selling locations~~ further including, for the items to be displayed, designating whether or not a quantity of the item at the selling location should be allowed to fall below the presentation quantity between deliveries.

27. (Currently amended) The method of claim ~~25~~ 93, wherein the time elements include ~~good includes~~ delivery of the ~~good~~ item from a stocking location.

28. (Currently amended) The method of claim 27, wherein the time elements include ~~good includes~~ preparing the delivered ~~good~~ item for sale.

29. (Currently amended) The method of claim ~~25~~ 93, wherein the time elements include time required to collect data, review action recommendations, process data, pick goods at a stocking location, and ship the ~~good~~ item to the selling location.

30. (Currently amended) The method of claim 29, wherein the ~~respective~~ time elements further include periodic dates for actions necessary to make the ~~good~~ item available at the plurality of selling locations.

31. (Currently amended) The method of claim ~~25~~ 93, wherein the ~~respective~~ time elements include time for distributing the good from one or more first level stocking locations to a plurality of second level stocking locations.

32. (Currently amended) The method of claim 29, wherein the ~~respective~~ time elements include time for distributing the ~~good~~ item from one or more first level stocking locations to a plurality of second level stocking locations.

33. (Currently amended) The method of claim ~~25~~ 93, wherein the ~~respective~~ time elements include time for distributing the ~~good~~ item from a supplier through one or more stocking locations to a plurality of selling locations.

34. (Currently amended) The method of claim 29, wherein the ~~respective~~ time elements include time for distributing the ~~good~~ item from a supplier through one or more stocking locations to a plurality of selling locations.

35. (Currently amended) The method of claim ~~25~~ 93, wherein the action includes distribution of the ~~good~~ item from one or more stocking locations to a plurality of selling locations.

36. (Cancelled)

37. (Currently amended) The method of claim ~~25~~ 93, wherein the action includes allocating delivery of the ~~good~~ item after ordering from a supplier.

38. (Cancelled)

39. (Cancelled)

40. (Currently amended) The method of claim ~~25~~ 93, wherein the ~~rolling up~~ simulating includes adding the presentation quantities and the projected demand requirements for the ~~good~~ item at the selling locations.

41. (Currently amended) The method of claim ~~25~~ 93, ~~wherein~~ further including selecting among a plurality of available approaches to calculating the presentation quantity, and selecting the presentation quantity used ~~in the roll up is~~ to be the average presentation quantity for the location during the predetermined selling period.

42. (Currently amended) The method of claim ~~25~~ 93, ~~wherein~~ further including selecting among a plurality of available approaches to calculating the presentation quantity, and selecting the presentation quantity used ~~in the roll up is~~ to be the presentation quantity for the selling location on the first day of the predetermined selling period.

43. (Currently amended) The method of claim ~~25~~ 93, ~~wherein~~ further including selecting among a plurality of available approaches to calculating the presentation quantity, and selecting the presentation quantity used ~~in the roll up is~~ to be the presentation quantity on the day of the predetermined selling period when the ~~good~~ item is received at the selling location.

44. (Currently amended) The method of claim ~~25~~ 93, ~~wherein~~ further including selecting among a plurality of available approaches to calculating the presentation quantity, and selecting the presentation quantity used ~~in the roll up is~~ to be the largest presentation quantity associated with the ~~good~~ item at the selling location for any day of the predetermined selling period.

45. (Currently amended) The method of claim ~~25~~ 93, wherein the ~~rolling up~~ simulating includes selecting the larger of the presentation quantities or the projected demand requirements for the ~~good~~ item at the selling locations.

46. (Currently amended) The method of claim ~~25~~ 93, wherein the presentation quantity used ~~in the roll up~~ is the presentation quantity for the selling location on the last day of the predetermined selling period.

47. (Withdrawn) A computer implemented method of rolling up projected demand requirements for a plurality of selling locations, reduced by unfulfilled demand due to stock outs at selling locations, including:

comparing daily or more frequent projected demand requirements with daily or more frequent projected on hand stock for a good at a plurality of selling locations;

reducing the projected demand requirements corresponding to unfulfilled demand due to a stock out at at least one of the selling locations; and

looking forward from a date related to an action and rolling up projected demand requirements for one or more predetermined selling periods, which commence at one or more dates corresponding to times for the action to lead to availability of the good at the selling locations, for the good at the selling locations.

48. (Withdrawn) The method of claim 47, wherein a user interface facilitates associating predetermined sets of respective time elements with the good at the plurality of selling locations.

49. (Withdrawn) The method of claim 47, wherein the projected demand is for sale of the good at the selling locations.

50. (Withdrawn) The method of claim 47, wherein the projected demand is for a stocking level of the good at the selling locations.

51. (Withdrawn) The method of claim 47, wherein the projected on hand stock reflects an actual on hand stock quantity at a first date, plus projected receipts of goods between the first date and the one or more dates corresponding to times for the action to lead to availability of the good at the selling locations, less the projected demand requirements which are fulfilled between said first and one or more dates.

52. (Withdrawn) The method of claim 47, wherein availability of the good includes delivery of the good from a stocking location.

53. (Withdrawn) The method of claim 52, wherein availability further includes preparing the delivered goods for sale.

54. (Withdrawn) The method of claim 47, wherein the time elements include time required to collect data, review action recommendations, process data, pick goods at a stocking location, and ship the goods to a selling location.

55. (Withdrawn) The method of claim 54, wherein the respective time elements further include periodic dates for actions necessary to make the good available at the plurality of selling locations.

56. (Withdrawn) The method of claim 47, wherein the respective time elements include time for distributing the good from one or more first level stocking locations to a plurality of second level stocking locations.

57. (Withdrawn) The method of claim 54, wherein the respective time elements include time for distributing the good from one or more first level stocking locations to a plurality of second level stocking locations.

58. (Withdrawn) The method of claim 47, wherein the respective time elements include time for distributing the good from a supplier through one or more stocking locations to a plurality of selling locations.

59. (Withdrawn) The method of claim 54, wherein the respective time elements include time for distributing the good from a supplier through one or more stocking locations to a plurality of selling locations.

60. (Withdrawn) The method of claim 47, wherein the action includes distribution of the good from one or more stocking locations to a plurality of selling locations.

61. (Withdrawn) The method of claim 47, wherein the action includes ordering the good from a supplier.

62. (Withdrawn) The method of claim 47, wherein the action includes allocating delivery of the good after ordering from a supplier.

63. (Withdrawn) A computer implemented method of rolling up projected demand requirements for a plurality of selling locations, reflecting selling out dates, including:

associating respective selling out-dates with a good at a plurality of selling locations;

associating respective time elements, corresponding to times for an action to lead to availability of the good at the respective selling locations, with the good at the selling locations;

looking forward from a date related to the action and rolling up projected demand requirements for one or more predetermined selling periods, which commence at one or more dates related to the respective time elements, for the good at the selling locations.

64. (Withdrawn) The method of claim 63, wherein a user interface facilitates associating the respective selling out-dates with substantially all of the selling locations in a single action.

65. (Withdrawn) The method of claim 63, wherein a user interface facilitates associating the respective selling out-dates with predetermined groups of the selling locations.

66. (Withdrawn) The method of claim 63, wherein a user interface facilitates associating the respective selling out-dates with the plurality of selling locations, selected from a list of selling locations by following a standard protocol for use of hold-and-drag, control- and shift-mouse click commands.

67. (Withdrawn) The method of claim 63, wherein a user interface facilitates associating predetermined sets of respective time elements with the good at the plurality of selling locations.

68. (Withdrawn) The method of claim 64, wherein a user interface facilitates associating predetermined sets of respective time elements with the good at the plurality of selling locations.

69. (Withdrawn) The method of claim 65, wherein a user interface facilitates associating predetermined sets of respective time elements with the good at the plurality of selling locations.

70. (Withdrawn) The method of claim 66, wherein a user interface facilitates associating predetermined sets of respective time elements with the good at the plurality of selling locations.

71. (Withdrawn) he method of claim 63, wherein the respective selling out-dates are dates on which selling of the good is scheduled to begin at the plurality of locations.

72. (Withdrawn) The method of claim 63, wherein availability of the good includes delivery of the good from a stocking location.

73. (Withdrawn) The method of claim 72, wherein availability further includes preparing the delivered goods for sale.

74. (Withdrawn) The method of claim 63, wherein the time elements include time required to collect data, review action recommendations, process data, pick goods at a stocking location, and ship the goods to the selling location location.

75. (Withdrawn) The method of claim 74, wherein the respective time elements further include periodic dates for actions necessary to make the good available at the plurality of selling locations.

76. (Withdrawn) The method of claim 63, wherein the respective time elements include time for distributing the good from one or more first level stocking locations to a plurality of second level stocking locations.

77. (Withdrawn) The method of claim 74, wherein the respective time elements include time for distributing the good from one or more first level stocking locations to a plurality of second level stocking locations.

78. (Withdrawn) The method of claim 74, wherein the respective time elements include time for distributing the good from a supplier through one or more stocking locations to a plurality of selling locations.

79. (Withdrawn) The method of claim 74, wherein the respective time elements include time for distributing the good from a supplier through one or more stocking locations to a plurality of selling locations.

80. (Withdrawn) The method of claim 63, wherein the action includes distribution of the good from one or more stocking locations to a plurality of selling locations.

81. (Withdrawn) The method of claim 63, wherein the action includes ordering the good from a supplier.

82. (Withdrawn) The method of claim 63, wherein the action includes allocating delivery of the good after ordering from a supplier.

83. (Withdrawn) The method of claim 63, wherein the projected demand is for sale of the good at the selling locations.

84. (Withdrawn) The method of claim 63, wherein the projected demand is for a stocking level of the good at the selling locations.

85. (Withdrawn) The method of claim 63, wherein the rolling up includes zeroing projected demand requirements at the plurality of selling locations for periods after the respective associated selling out-dates.

86. (Withdrawn) The method of claim 63, wherein the projected demand requirements for the respective selling locations are zero for periods after the associated selling out-dates.

87. (Withdrawn) A computer implemented method of rolling up projected demand requirements for a plurality of selling locations, increased for effectively unavailable inventory due to over stocking at selling locations, including:

comparing projected demand requirements with projected on hand stock for a good at a plurality of selling locations on the last day or more frequent period of a predetermined selling period;

increasing the projected demand requirements corresponding to all or part of an excess quantity of the good at at least one of the selling locations; and

looking forward from a date related to an action and rolling up the increased projected demand requirements for the predetermined selling period, including the increased projected demand requirements.

88. (Withdrawn) The method of claim 87, wherein the projected demand is for sale of the good at the selling locations.

89. (Withdrawn) The method of claim 87, wherein the projected demand is for a stocking level of the good at the selling locations.

90. (Withdrawn) The method of claim 87, wherein the action includes distribution of the good from one or more stocking locations to a plurality of selling locations.

91. (Withdrawn) The method of claim 87, wherein the action includes ordering the good from a supplier.

92. (Cancelled)

93. (New) A computer implemented method of simulating demand for and stocking of standard presentation fixture types used in retail outlets having differing floor plans, including:

for use across selling locations, designating a plurality of display fixture setups, the display fixture setups including a display fixture type and a capacity for holding items and naming instances of the display fixture setups to differentiate among the instances at a particular selling location; [p. 9:32-10:1]

for the selling locations, recording in data structures the named instances of display fixture setups that are present at the selling locations; [p. 10, lines 16-29]

for items to be displayed using the named instances, recording presentation dates during which the items are to be displayed in the named instances and presentation quantities; [10:16-29]

for use across selling locations, recording in data structures time elements that are used collectively to represent the lead time for an order or other action to lead to display of the in the named instances at the selling locations;

for the items at the selling locations, selecting a plurality of the time elements to represent the lead time;

simulating sales of the items at the locations during a predetermined selling period and the orders that would need to be placed to stock the display fixture setups and to satisfy the simulated sales, using the selected time elements for the lead time and the presentation dates and the presentation quantities;

reporting results of the simulating.

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